

1,4,5,6-Tetrahydroxy-7-prenylxanthone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 1,4,5,6-Tetrahydroxy-7-prenylxanthone

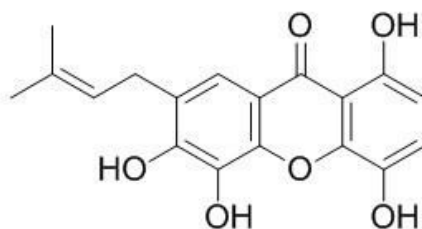
Catalog No.: CFN99016

Cas No.: 1001424-68-5

Purity: > 95%

M.F: C₁₈H₁₆O₆

M.W: 328.3



Physical Description: Yellow powder

Synonyms: 1,4,5,6-Tetrahydroxy-7-(3-methyl-2-buten-1-yl)-9H-xanthen-9-one;

1,3,6,7-Tetrahydroxy-8-prenylxanthone.

[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Agricultural research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

[Source]

The twig bark of *Garcinia xanthochymus*.

[Biological Activity or Inhibitors]

1,3,6,7-Tetrahydroxy-8-prenylxanthone may serve as phytoalexins in Hypericum species.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: 1mM Formic acid in water- Methanol,gradient elution;

Flow rate:0.5 ml/min;

Column temperature: Room Temperature;

The wave length of determination:254 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Zodi R, Beuerle T, Beerhues L. *Planta Med.*,2010,76(12):1303-1303.

[2] Fiesel T, Gaid M, Müller A, *et al. Molecules*,2015,20(9):15616-30.

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